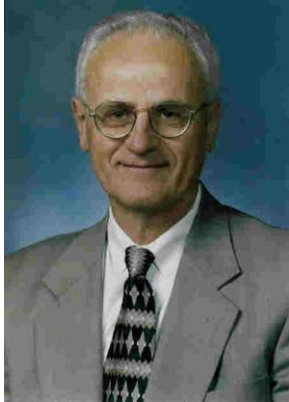


Exhibit A

Curriculum Vitae



DUANE B. PRIDDY, Ph.D.

Founder & CEO

Plastic Expert Group &

Plastic Failure Labs, Inc.

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SYNOPSIS

Dr. Duane B. Priddy is the founder and CEO of Plastic Expert Group. He has spent over 40 years in the Plastics Industry as a leading authority on plastic and composite part failure. He worked for Dow Plastics as one of their leading Principal Scientist. Dr. Priddy is a world renowned scientist and author as evidenced by his many awards including Dow's Lifetime Achievement Award. In 2001 he was awarded "Fellow" by the Polymeric Materials Division of the American Chemical Society. In 2008 he was awarded "Fellow" by the Society of Plastics Engineers for his pioneering work in the development of Plastic Science & Technology. He is a member of ASM International (a society of Material Scientists), the American Chemical Society Polymer Chemistry and Polymeric Materials Divisions, the International Association of Plumbing and Mechanical Officials, the National Association of Subrogation Professionals, the Society of Fire Protection Engineers, the Failure Analysis Division of the Society of Plastics Engineers, the Institute of Packaging Professionals, and the Society of Automotive Engineers. Dr. Priddy has provided expert services in over 150 litigations involving plastics and composites since 2003. He is one of the top plastic failure experts in the world having analyzed hundreds of plastic and composite parts including, pipes, food packages, bottles, tanks, latches, toys, medical devices, exercise equipment, automotive parts, pulleys, chairs, and stools. Dr. Priddy has served as an expert in over 150 litigations and has authored >100 scientific papers, >60 US Patents, a book entitled "Modern Styrenic Plastics", and several encyclopedia articles on chemicals and plastics.

CONSULTANT AND EXPERT WITNESS ON CHEMICALS AND PLASTICS

- Forensic analysis/testing of plastic and composite parts
- Manufacturing processes for plastic bottles including extrusion blow-molding, injection blow-molding, and stretch blow-molding
- Root cause analysis of CPVC fire suppression system failures
- Exercise equipment failure
- Plastic piping products including ABS, PVC, CPVC, PEX, PP, PVDC, and HDPE
- Additives for plastics including antioxidants and UV stabilizers
- Design of plastic parts to meet the requirements of the application
- Fracture mechanics of plastic materials and composites
- Chemical resistance/degradation of plastics and elastomers
- Discoloration and loss of clarity of plastics

- Plastic part and package design and stress analysis
- Polymer blends and compounding
- Polyolefin based resins and applications
- Additives for improved adhesion in polymer blends and composites
- Chemicals and Plastics R&D
- Monomer stabilization and polymerization
- Molding and extrusion of plastics including foams and films
- UV, thermal, and environmental degradation of chemicals and plastics
- Plastic flammability and plastic flame retardant formulations
- Migration of chemicals and additives from plastics
- Chemicals and plastics for medical use
- Composite and nanocomposite materials including carbon fiber composites
- Permeability (vapors and odors) of plastics
- Plastics used in medical applications
- Failure of fiber reinforced plastics (FRP) and composites
- Material Selection (choosing the right plastic for the application)

EDUCATION

- Ph.D. Organic Chemistry - 1971 - Michigan State University
- BA Chemistry - 1966 - Olivet College, Olivet, MI

MAIN ACCOMPLISHMENTS

- > 60 Issued United States Patents
- >100 Publications including 5 encyclopedia articles and 8 book chapters
- Author/Editor of book "Modern Styrenic Polymers" Wiley 2003

WORK EXPERIENCE

- Over 30 years experience as a leading Research Scientist in Dow Chemical serving as Principal Scientist for Dow's Polycarbonate and Styrenic Plastics Businesses.
- Principal Scientist for Dow Plastics Additives and Blends Group
- CEO of Plastic Failure Labs - 2003 to present
- PVC/CPVC Pipe Failure Consultant for Charlotte Pipe & Foundry – 2008 to 2014
- Consultant for SpecialChem/Omnexus – 2004 to present

ACADEMIC

- Adjunct Professor at Michigan Technological University – 1988 - 1995
- Adjunct Professor at Central Michigan University – 1988 to present

HONORS & AWARDS

- Awarded "Fellow" of the Society of Plastics Engineers (SPE) 2008
- Awarded "Lifetime Achievement Award" by Dow Chemical – 2001
- Awarded "Fellow" National American Chemical Society (ACS) PMSE – 2001

Duane Priddy, Ph. D.

Dr. Duane Priddy's Litigation Experience in the Past Five Years

Matter	Subject	Pltf	Dfns	Service	Year
Women v Ethicon mesh	Tranvaginal mesh failure	x		C/EO	2016
Fabara v GoFit	Exercise ball failure	x		EO/D	2016
Randy White v Swisher Hygiene	Bottle closure failure	x		C	2016
American Family Ins v Rick Plumbing	PEX tubing failure		x	C	2015
Adams v Walmart & Cargill Meats	Food packaging failure		x	C	2015
Lopez v Save Mart	Grocery Bag failure		x	C	2015
Frazier v Dunkin Donuts	Coffee cup failure		x	C	2015
Trump Hollywood v Allied et al	CPVC failure	x		EO	2015
Equistar v Westlake	Patent infringement		x	C	2015
Tripp Harrison Gallery v Allied et al	CPVC failure	x		C	2015
199 RiverOaks v Vistacom	CPVC failure		x	EO	2015
CNRL v ShawCor	Insulated Pipe Failure		x	C	2015
Atlantic Sprinkler v IPEX	CPVC failure		x	EO	2015
Boiko v Kikkerland	Step stool failure	x		EO/D	2015
Jones v Heil	FRP part failure		x	EO/D	2015
Leviton v Ball Dynamics	Exercise ball failure	x		EO	2015
CNH v Arlon	PVC sign failure	x		C	2015
Jones v Aultman Hospital	Catheter failure		x	C	2015
Poshard v Great Shapes	Exercise ball failure		x	EO	2015
Lopez v SaveMart	Grocery bag failure		x	C	2015
Washington Square HOA. v. Big-D	Plastic pipe and gasket degradation		x	EO	2015
Patients v AMS	PP medical device failure	x		C/D	2014
PrePlastics v. Ashland	Plastic quality dispute	x		C	2014
Lexington Ins v Browning Constr	CPVC pipe failure	x		EO	2014
MMPA v Marshall Film	Bag failure		x	C	2014
Selby v Makray Manufacturing	Microwave Bowl Failure	x		EO	2014
Forsyth II v Simplex Grinnel	CPVC pipe failure	x		EO	2014
Durbin v Kennedy International	Stool failure	x		EO	2014
Webber v Kennedy International	Stool failure	x		EO	2014
Grand Dunes v Prestige	CPVC pipe failure	x		EO	2014
Maitin v Publix	Grocery bag failure	x		C	2014
Borman v Embark Fitness	Exercise ball failure	x		EO	2014
Dowhaluk v Everlast	Exercise ball failure	x		EO	2014
Cop v Bell Sports	Exercise ball failure	x		EO	2014
Pulte Homes v NIBCO	PEX pipe failure	x		C	2014
Settlers Loop v Eco Existance	CPVC pipe failure		x	C	2014
SubZero v. KX	Water filter failure	x		C	2014
Dowhaluk v EB Brands	Exercise ball failure	x		C	2014
Buckley v Peg Perego	Toy breakage / personal injury		x	C	2014
Nealson v McDonalds/Pactiv	Injury caused by defective spoon	x		EO	2014
Esplanade v Fifth & Continental	CPVC fire sprinkler system defects	x		EO/CT	2013
LeFluer v Burger King & Dart	EPS foam Coffee Cup Failure	x		EO	2013
Post Properties v FLSA	CPVC fire sprinkler failure	x		C	2013
Grove Construction v Furguson	PVC pipe failure	x		EO	2013
Pure Ins. V Olin	Hose failure		x	C	2013
Rubitsky v BMW	Automotive composite part failure	x		C/D	2013
Pedvin v Ossur	Knee brace failure	x		C	2013
Schug v Bamboo Leaf	Chair failure	x		C	2013
Yucatan Food v Berry Plastics	Food Packaging Failure	x		C/CT	2013

C = consultant; EO = expert opinion; D = deposition; CT = courtroom testimony

Scientific Articles and Publications

Duane Priddy, Rowland Hall, Dan Beaudoin, **Selecting the Best Remediation Option for Failing CPVC Piping Systems**, Society of Plastic Engineers ANTEC 2016, passed peer review.

Duane Priddy and Tom Peeler, **Root Cause of Failure of an EPS Foam Coffee Cup**, Society of Plastic Engineers ANTEC 2014, Paper# 1838094.

Duane Priddy, **Why Do Some PVC Foam Exercise Balls Explode While Others Do Not?**, Society of Plastic Engineers ANTEC 2013, Paper# 1536954.

Duane Priddy, **Forensic Analysis of CPVC Fire Sprinkler Piping**, Subrogator, Spring/Summer 2012, pp. 72 – 77.

Duane Priddy, **When CPVC Pipes and Fittings Fail in Hydronic Heating Systems**, Plastics Engineering, April 2012, pp. 4 – 9.

Duane Priddy, **Root Cause of Occasional Failure of CPVC Pipes Used in Hydronic Heating Systems**, Society of Plastics Engineers Annual Technical Conference Proceedings 2011, pp. 1404-9.

Duane Priddy, **Why Do PVC/CPVC Pipes Occasionally Fail?**, available on the internet at: http://www.plasticfailure.com/user/Why_Plastic_Pipes_Fail.pdf

Saczalski, Ken, West, Mark, and Duane Priddy, **Damage Analysis Technique for Evaluation of Plastic Seats in Handicapped Mobility Devices**, Proceedings of the SAMPE Tech 2011 Conference, Session on Design, Analysis, and Simulation II, Fort Worth, Texas October 17-20. Obtain a copy of this paper at <http://plasticfailure.com/portfolio/failure-analysis-plastic-seat/> .

Duane Priddy, **Styrene plastics**. Kirk-Othmer Encyclopedia of Chemical Technology (5th Edition) (2007), 23, 358-416.

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Matthews, Bryan R.; Pike, William; Rego, Jose M.; Kuch, P. D.; Duane Priddy, **Radical styrene polymerization in the presence of trace levels of sulfonic acids.** *Journal of Applied Polymer Science* (2003), 87(5), 869-875.

Duane Priddy and Howell, Bob A., **Utility/limitations of nitroxide mediated polymerization for low cost manufacture of improved styrenic polymers.** *Polymer Preprints (American Chemical Society, Division of Polymer Chemistry)* (2002), 43(2), 102-103.

Smith, Patrick B.; Buzanowski, Walter C.; Gunderson, Judy J.; Duane Priddy; Pfenninger, Lance. **Characterization of phase partitioning of additives in rubber modified plastics.** *Annual Technical Conference - Society of Plastics Engineers* (2002), 60th(Vol. 2), 2030-2034.

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